

**Customer**

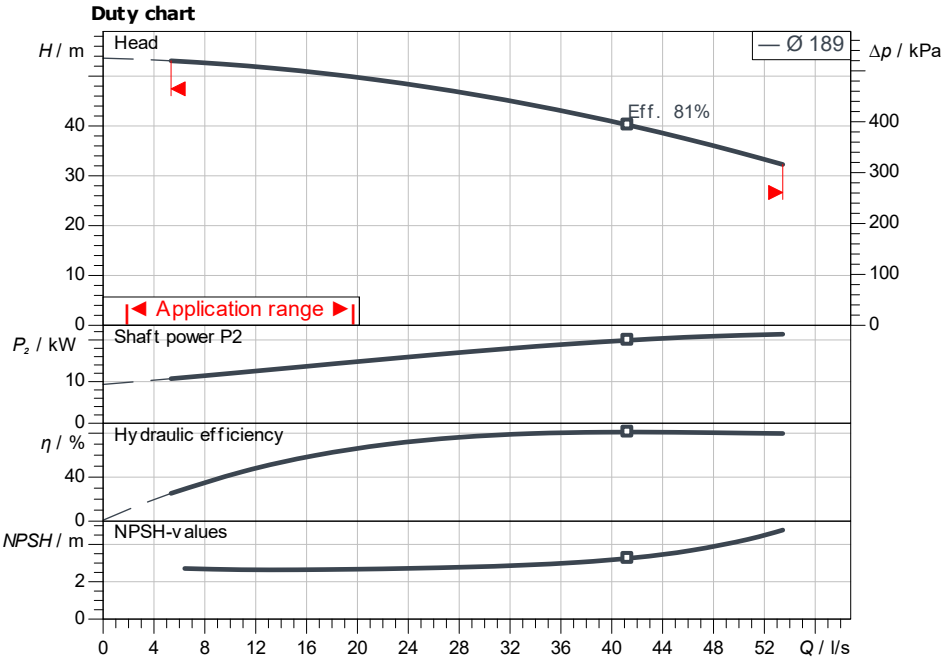
## Technical data

### Glanded monobloc pump Atmos GIGA-B 80/165-22/2

Project ID                      Untitled project 2025-03-01 17:45:51.999

Project name  
Installation location  
Customer pos. No.

Date                      2025-03-01



**Requested data**

Flow  
Head  
Media                      Water 100 %  
Fluid temperature           20.00 °C  
Density                      998.30 kg/m<sup>3</sup>  
Kin. viscosity                1.00 mm<sup>2</sup>/s

**Hydraulic data (Duty point)**

Flow  
Head  
Shaft power  $P_2$   
Hydraulic efficiency  
NPSH

**Product data**

Glanded monobloc pump  
Atmos GIGA-B 80/165-22/2  
Max. operating pressure   1,600 kPa  
Fluid temperature           -20 °C ... +140 °C  
Max. ambient temperature   40 °C  
Minimum efficiency index (MEI)  $\geq 0.4$

**Motordata per Motor/Pump**

Motor efficiency level       IE3  
Mains connection           3~400 V / 50 Hz  
Permitted voltage tolerance   +10 %  
Rated speed                   2,900 1/min  
Rated power  $P_2$                22.00 kW  
Rated current                 38.50 A  
Power factor                  0.9  
Efficiency                     50% / 75% / 100%           91.7/92.9/92.7%  
Degree of protection        IP55  
Insulation class              F  
Motor protection              PTC integrated

**Fitting dimensions**

Pipe connection on the suction side   DN 100, PN 16  
Pipe connection (pressure side)       DN 80, PN 16  
Port to Port                   -

**Materials**

Pump housing                5.1301, EN-GJL-250 cataphoretic-coated  
Impeller                     EN-GJL-200  
Lantern                     5.1301/EN-GJL-250  
Shaft                         1.4122  
Shaft seal                  AQ1EGG

**Information for order placements**

Weight approx.              299 kg  
Item number                  2213922

